



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)
Docket Number (Optional)  
MTV-023.01Application Number  
09/907,515Applicant  
Stephen J. Lippard et al.Filing Date  
July 16, 2001Group Art Unit  
1616-1621**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A1	5,359,047	10/25/1994	Donahue et al.	536	23.5	12/26/1991
	A2	5,625,048	04/29/1997	Tsien et al.	536	23.4	11/10/1994
	A3	5,955,604	09/21/1999	Tsien et al.	540	222	10/21/1997

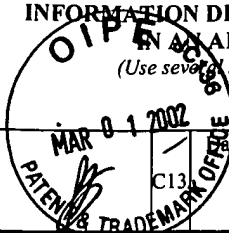
**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	B1	WO 96/30540 ✓	10/03/1996	PCT	C07D	471/04		

**OTHER DOCUMENTS**

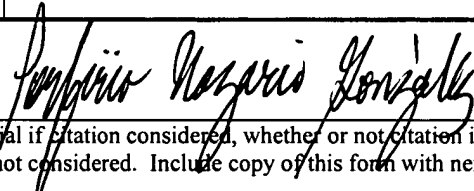
(Including Author, Title, Date, Pertinent Pages Etc.)

	C1	Trevor G. Appleton et al., "Reactions of Platinum (II) Aqua Complexes. 2. <sup>195</sup> Pt NMR Study of Reactions between the Tetraaquaplatinum (II) Cation and Chloride, Hydrozide, Perchlorate, Nitrate, Sulfate, Phosphate, and Acetate", <i>Inorganic Chemistry</i> , Vol. 2, No. 22, pp. 3521-3525 (1984)
	C2	Robert W. Armstrong et al., "Multiple-Component Condensation Strategies for Combinatorial Library Synthesis", <i>Acc. Chem. Res. American Chemical Society</i> , Vol. 29, No. 3, pp 123-131 (1996)
	C3	R. Bakhtiar et al., "Pharmacological applications of inorganic complexes", <i>General Pharmacology</i> , Vol. 32, pp 525-540 (1999)
	C4	Friedhelm Balkenhohl et al., "Combinatorial Synthesis of Small Organic Molecules", <i>Angew. Chem. Int. Ed. Engl.</i> , 35, pp. 2289-2337 (1996)
	C5	Steven F. Bellon et al., "Bending studies of DNA site-specifically modified by cisplatin, <i>trans</i> -diamminedichloroplatinum(II) and <i>cis</i> -[Pt(NH <sub>3</sub> ) <sub>2</sub> (N3-cytosine) C1]" <i>Biophysical Chemistry</i> , Vol. 35, pp. 179-188 (1990)
	C6	Erich E. Blatter et al., "Interaction of the Antitumor Agents <i>cis</i> , <i>cis</i> , <i>trans</i> -Pt <sup>IV</sup> (NH <sub>3</sub> ) <sub>2</sub> CL <sub>2</sub> (OH) <sub>2</sub> and <i>cis</i> , <i>cis</i> , <i>trans</i> -Pt <sup>IV</sup> [(CH <sub>3</sub> ) <sub>2</sub> CHNH <sub>2</sub> ] <sub>2</sub> CL <sub>2</sub> (OH) <sub>2</sub> and Their Reduction Products with PM2 DNA", <i>American Chemical Society</i> , Vol. 23, No. 21, pp. 4817-4820 (1984)
	C7	P.D. Braddock et al., "Structure and Activity Relationships of Platinum Complexes with Anti-Tumour Activity" <i>Chem.-Biol. Interactions</i> , Vol. 11, pp. 145-161 (1975)
	C8	Gabriel Briceño et al., "A Class of Cobalt Oxide Magnetoresistance Materials Discovered with Combinatorial Synthesis", <i>Science</i> , Vol. 270, pp. 273-275 (1995)
	C9	Matthew T. Burger et al., "Synthetic Ionophores. Encoded Combinatorial Libraries of Cyclen-based Receptors for Cu <sup>2+</sup> Co <sup>2+</sup> ", <i>J. Org. Chem.</i> , Vol. 60, No. 23, pp. 7382-7383 (1999)
	C10	Kevin Burgess et al., "New Catalysts and Conditions for A C-H Insertion Reaction Identified by High Throughput Catalyst Screening" <i>Angew. Chem. Int. Ed. Engl.</i> , Vol. 35, No. 2, pp. 220-222 (1996)
	C11	Dominique Burnouf et al., "Spectrum of Cisplatin-induced Mutations In Escherichia Coli", <i>Proc. Natl. Acad. Sci USA</i> , Vol. 84, pp. 3758-3762 (1987)
	C12	Burton et al., "Florescein Dyes Derived From 2-Methylresocinol", <i>J.S.C.I.</i> , Vol. 67, pp 345-347 (1948)

Form PTO-1449		Docket Number (Optional) MTV-023.01		Application Number 09/907,515	
<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)		Applicant Stephen J. Lippard et al.			
		Filing Date July 16, 2001		Group Art Unit 1616 1621	
		David A. Campbell et al., "A Transition State Analogue Inhibitor Combinatorial Library", <i>J. Am. Chem. Soc.</i> , Vol. 117, pp. 5381-5382 (1995)			
	C13	✓			
	C14	Yu Chen et al., "Stereospecific and Kinetic Control over the Hydrolysis of a Sterically Hindered Platinum Picoline Anticancer Complex", <i>Chem. Eur. J.</i> , Vol. 4, pp. 672-676 (1998)			
	C15	✓ Annalisa Chiocchetti et al., "Green Fluorescent protein as a reporter of gene expression in transgenic mice", <i>Biochimica et Biophysica Acta</i> , Vol. 1352, pp. 193-202 (1997)			
	C16	✓ Takashi Chishima et al., "Cancer Invasion and Micrometastasis Visualized in Live Tissue by Green Fluorescent Protein Expression", <i>Cancer Research</i> , 57, 2042-2047 (1997)			
	C17	✓ Andrew P. Combs et al., "Protein Structure-Based Combinatorial Chemistry: Discovery of Non-Peptide Binding Elements to Src SH3 Domain", <i>J. Am. Chem. Soc.</i> , 118 pp 287-288 (1996)			
	C18	✓ P. M. Cowley et al., "Applications of Solid-Phase Synthesis to Drug Discovery", <i>Current Medicinal Chemistry</i> , Vol. 4, pp 211-227 (1997)			
	C19	✓ Andrew B. Cubitt et al., "Understanding, improving and using green fluorescent proteins:", <i>Techniques TiBS</i> , 20, pp. 448-455 (1995)			
	C20	✓ S. C. Dhara, "A Rapid Method for the Synthesis of <i>cis</i> -[Pt(NH <sub>3</sub> ) <sub>2</sub> CL <sub>2</sub> ]", <i>Indian Journal of Chemistry</i> , Vol. 8, No. 2, pp. 193-194 (1970)			
	C21	✓ S.G. Dixit et al., "Combinatorial Chemistry - Principles and Practices", <i>Journal of Scientific &amp; Industrial Research</i> , Vol. 57, pp. 173-183 (1988)			
	C22	✓ David J. Ecker et al., "Combinatorial Drug Discovery: Which Methods Will Produce the Greatest Value?", <i>BioTechnology</i> , Vol. 13, pp. 351-360 (1995)			
	C23	✓ H.N.A. Fraval et al., "Increased Sensitivity of UV-Repair-Deficient Human Cells To DNA Bound Platinum Products Which Unlike Thymine Dimers Are Not Recognized By An Endonuclease Extracted From <i>Micrococcus Luteus</i> ", <i>Mutation Research</i> , Vol. 51, pp. 121-132 (1978)			
	C24	✓ C. J. Frederickson, "Neurobiology of Zinc and Zinc-containing Neurons", <i>International Review of Neurobiology</i> , Vol. 31, pp 145-238 (1989)			
	C25	✓ Hans-Hermann Gerdes et al., "Green fluorescent protein: applications in cell biology", <i>Federation of European Biochemical Societies, FEBS Letters</i> , 389, pp. 44-47 (1996)			
	C26	✓ Christen M. Giandomenico et al., "Carboxylation of Kinetically Inert Platinum(IV) Complexes. An Entrée into Orally Active Platinum(IV) Antitumor Agents", <i>Inorganic Chemistry</i> , Vol. 34, No. 5, pp. 1015-1021 (1995)			
	C27	✓ Marisa Gariglio et al., "The High-Mobility Group Protein T160 Binds to both Linear and Cruciform DNA and Mediates DNA Bending as Determined by Ring Closure" <i>Experimental Cell Research</i> , Vol. 236, Article No. EX973742, pp. 472-481 (1997)			
	C28	✓ Harold C. Harder et al., "Inhibitory Effects of Anti-Tumor Platinum Compounds on DNA, RNA and Protein Syntheses in Mammalian Cells In Vitro", <i>Int. J. Cancer</i> , 6, pp. 207-216 (1970)			
	C29	✓ Jerry A. Howle et al., "CIS-Dichlorodiammineplatinum (II) Persistent And Selective Inhibition of Deoxyribonucleic Acid Synthesis <i>In Vivo</i> ", <i>Biochemical Pharmacology</i> , Vol. 19, pp. 2757-2762 (1970)			

Form PTO-1545		Docket Number (Optional) MTV-023.01		Application Number 09/907,515	
<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)		Applicant Stephen J. Lippard et al.			
		Filing Date July 16, 2001		Group Art Unit 1616-1621	
Elizabeth R. Jamieson et al., "Structure, Recognition, and Processing of Cisplatin - DNA Adducts", <i>American Chemical Society, Chemical Reviews</i> , Vol. 69, No. 9, pp. 2467-2498 (1999)					
C31	Thomas W. Jones et al., "Cis-Diamminedichloroplatinum (II)-Induced Acute Renal Failure in the Rat - Correlation of Structural and Functional Alterations", <i>Laboratory Investigation</i> , Vol. 52, No. 4, pp. 363-374 (1985)				
C32	S. R. Kain et al., "Green Fluorescent Protein as a Reporter of Gene Expression and Protein Localization", <i>BioTechniques</i> , Vol. 19, No. 4, pp. 650-655 (1995)				
C33	Jana Kašpárková et al., "Effect of Geometric Isomerism in Dinuclear Platinum Antitumor Complexes on DNA Interstrand Cross-Linking", <i>Biochemistry</i> , Vol. 38, No. 34, pp. 10997-11005 (1999)				
C34	Miriam B.G. Kloster et al., "Consequences of Nucleic Acid Conformation on the Binding of a Trinuclear Platinum Drug" <i>Biochemistry</i> , Vol. 38, No. 45, pp. 14731-14737 (1999)				
C35	K. W. Lee et al., "Cis-dichlorodiammineplatinum(II). Aquation Equilibria and Isotopic Exchange of Chloride Ligands with Free Chloride and Tetrachloroplatinate(II)", <i>Inorganica Chimica Acta</i> , Vol. 17, pp. 105-110 (1976)				
C36	Gary LeRoy et al., "Requirement of RSF and FACT for Transcription of Chromatin Templates in Vitro", <i>Science</i> , Vol. 282, pp. 1900-1904 (1998)				
C37	Shuang Liu et al., " <sup>99m</sup> Tc-Labeled Small Peptides as Diagnostic Radiopharmaceuticals", <i>American Chemical Society, Chemical Reviews</i> , Vol. 99, No. 9, pp. 2235-2268 (1999)				
C38	Colin James Lyne Lock et al., "Crystal and Molecular Structures of cis- and trans-Dichlorobis (cyclobutylamine-N) platinum (II), PtCl <sub>2</sub> (C <sub>4</sub> H <sub>7</sub> NH <sub>2</sub> ) <sub>2</sub> , and some Comments on the Conversion of Cis to Trans" <i>Inorg. Chem</i> , Vol. 20, No. 6, pp. 1817-1823 (1981)				
C39	Patrick J. Loehrer, M.D., et al., "Diagnosis and Treatment - Drugs Five Years Later", <i>Annals of Internal Medicine</i> , Vol. 100, No. 5, pp 704-713 (1984)				
C40	Reinhard Malin et al., "Identification of Technetium-99m Binding Peptides Using Combinatorial Cellulose-Bound Peptide Libraries", <i>J. Am. Chem. Soc.</i> , Vol. 117, No. 47, pp. 11821-11822 (1995)				
C41	Jill A. Mello et al., "The mismatch-repair protein hMSH2 binds selectively to DNA adducts of the anticancer drug cisplatin", <i>Chemistry &amp; Biology</i> , Vol. 3, No. 7, pp. 579-589 (1996)				
C42	D. D. Mosser et al., "Use of a Dicistronic Expression Cassette Encoding the Green Fluorescent Protein for the Screening and Selection of Cells Expressing Inducible Gene Products", <i>BioTechniques</i> , Vol. 22, No. 1, pp. 150-161 (1997)				
C43	Michael C. Needels et al., "Generation and screening of an oligonucleotide-encoded synthetic peptide library", <i>Proc. Natl. Acad. Sci</i> , Vol. 90, pp. 10700-10704 (1993)				
C44	Michael H.J. Ohlymeyer et al., "Complex synthetic chemical libraries indexed with molecular tags", <i>Proc. Natl. Acad. Sci, USA.</i> , Vol. 90, pp. 10922-10926 (1993)				
C45	George Orphanides et al., "FACT, a Factor that Facilitates Transcript Elongation through Nucleosomes", <i>Cell</i> , Vol. 92, pp. 105-116 (1998)				
C46	George Orphanides et al., "The chromatin-specific transcription elongation factor FACT comprises human SPT16 and SSRP1 proteins", <i>Nature</i> , Vol. 400, pp. 284-288 (1999)				

Form PTO-1449		Docket Number (Optional) MTV-023.01		Application Number 09/907,515	
<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary) <b>MAR 01 2002</b>		Applicant Stephen J. Lippard et al.		Group Art Unit 1610 1621	
		Filing Date July 16, 2001			
		Kevin G. Peters et al., "Green Fluorescent Fusion Proteins: Powerful Tools for Monitoring Protein Expression in Live Zebrafish Embryos" <i>Developmental Biology</i> , Vol. 171, pp. 252-257 (1995)			
	C48	Ann L. Pinto et al., "Sequence-dependent termination of in vitro DNA synthesis by cis- and trans-diamminedichloroplatinum (II)", <i>Proc. Natl. Acad. Sci.</i> , Vol. 82, pp. 4616-4619 (1985)			
	C49	Yun Qu et al., "Dinuclear Platinum Complexes Form a Novel Intrastrand Adduct with d(GpG), an anti-syn Conformation of the Macrochelate As Observed by NMR and Molecular Modeling" <i>J. Am. Chem. Soc.</i> , Vol. 118, No. 39, pp. 9307-9313 (1996)			
	C50	Janet A. Rice et al., "The major adduct of the antitumor drug cis-diamminedichloro-platinum(II) with DNA bends the duplex by = 40° toward the major groove", <i>Proc. Natl. Acad. Sci.</i> , Vol. 85, pp. 4158-4161 (1988)			
	C51	F.D. Rochon et al., "Structure of an Antitumor Platinum(II) Compound <i>cis</i> -[PtCl <sub>2</sub> (Cyclobutylamine)(NH <sub>3</sub> )]", <i>Acta Crystallographica</i> , C42, pp. 1291-1294 (1986)			
	C52	Karen E. Sandman et al., "A mechanism-based, solution-phase method for screening combinatorial mixtures of potential platinum anticancer drugs", <i>JBIC</i> , Vol. 3, pp. 74-80, (1998)			
	C53	Karen E. Sandman et al., "Rapid fluorescence-based reporter-gene assays to evaluate the cytotoxicity and antitumor drug potential of platinum complexes", <i>Chemistry &amp; Biology</i> , Vol. 6, No. 8, pp. 541-551 (1999)			
	C54	Suzanne E. Sherman et al., "Structural Aspects of Platinum Anticancer Drug Interactions with DNA", <i>Chemical Reviews</i> , Vol. 87, No. 5, pp. 1153-1181 (1987)			
	C55	Ken D. Shimizu et al., "Search for Chiral Catalysts Through Ligand Diversity: Substrate-Specific Catalysts and Ligand Screening on Solid Phase", <i>Angew. Chem. Int. Ed. Engl.</i> , Vol. 36, No. 16, pp. 1704-1707 (1997)			
	C56	Christine M. Sorenson et al., "Mechanism of <i>cis</i> -Diamminedichloroplatinum(II)-induced Cytotoxicity: Role of G <sub>2</sub> Arrest and DNA Double-Strand Breaks" <i>Cancer Research</i> , Vol. 48, pp. 4484-4488 (1988)			
	C57	W. Clark Still, "Discovery of Sequence-Selective Peptide Binding by Synthetic Receptors Using Encoded Combinatorial Libraries", <i>Acc. Chem. Res.</i> , Vol. 29, No. 3, pp. 155-163 (1996)			
	C58	Wesley I. Sundquist et al., "Binding of <i>cis</i> - and <i>trans</i> -Diamminedichloroplatinum(II) to Deoxyribonucleic Acid Exposes Nucleosides As Measured Immunochemically with Anti-Nucleoside Antibodies", <i>Biochemistry</i> , Vol. 25, No. 7, pp. 1520-1524 (1986)			
	C59	Hans J. Tanke et al., "Use of Platinum Coproporphyrin and Delayed Luminescence Imaging to Extend the Number of Targets FISH Karyotyping" <i>Cytometry</i> , Vol. 33, pp. 453-459 (1998)			
	C60	Lorin A. Thompson et al., "Synthesis and Applications of Small Molecule Libraries", <i>Chemical Reviews</i> , Vol. 96, No. 1, pp. 555-600 (1996)			
	C61	Gary T. Wang et al., "Synthetic Chemical Diversity: Solid Phase Synthesis of Libraries of C <sub>2</sub> Symmetric Inhibitors of HIV Protease Containing Diamino Diol and Diamino Alcohol Cores", <i>Journal of Medicinal Chemistry</i> , Vol. 38, No. 16, pp. 2995-3002 (1995)			
	C62	Julia Yaneva et al., "The major chromatin protein histone H1 binds preferentially to <i>cis</i> -platinum-damaged DNA", <i>Proc. Natl. Acad. Sci.</i> , Vol. 94, pp. 13448-13451 (1997)			
	C63	Motofumi Yoshida et al., "Circumvention of platinum resistance: structure-activity relationship for homologous series of ammine/amine platinum(II) complexes in L1210 cell lines" <i>Anti-Cancer Drug Design</i> , Vol. 9, pp. 425-434 (1994)			

Form PTO-1449		Docket Number (Optional) MTV-023.01		Application Number 09/907,515	
<b>Office DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary) <b>MAR 01 2002</b> PATENT & TRADEMARK OFFICE		Applicant Stephen J. Lippard et al.		Group Art Unit 1610 1621	
		Filing Date July 16, 2001			
		Hangtao Yu et al., "Structural Basis for the Binding of Proline-Rich Peptides to SH3 Domains", <i>Cell</i> , Vol. 76, pp. 933-945 (1994)			
	C65	Deborah B. Zamble et al., "Cisplatin and DNA repair in cancer chemotherapy", <i>TIBS</i> , Vol. 20, pp. 435-439 (1995)			
	C66	Xiaoquan Zhai et al., "Cisplatin-DNA Adducts Inhibit Ribosomal RNA Synthesis by Hijacking the Transcription Factor Human Upstream Binding Factor", <i>Biochemistry</i> , Vol. 37, No. 46, pp. 16307-16315 (1998)			
	C67	Christopher J. Ziegler et al., "High-throughput synthesis and screening of platinum drug candidates", <i>J Biol Inorg Chem</i> , Vol. 5, pp. 774-783 (2000)			
	C68	Christopher J. Ziegler et al., "Toxicity of platinum(II) amino acid (N,O) complexes parallels their binding to DNA as measured in a new solid phase assay involving a fluorescent HMG1 protein construct readout", <i>JBIC</i> , Vol. 4., pp. 402-411 (1999)			
	C69	Gregor Zlokarnik, "Fluorescent Molecular Sensor for Drug Discovery", <i>Analytical Chemistry News &amp; Features</i> , pp. 322A-328A (1999)			
	C70	Ronald N. Zuckermann et al., "Discovery of Nanomolar Ligands for 7-Transmembrane G-Protein-Coupled Receptors from a Diverse N-(Substituted)glycine Peptoid Library", <i>Journal of Medicinal Chemistry</i> , Vol. 37, No. 17, pp. 2678-2685 (1994)			
	C71	F. Zunino et al., "Current Approaches to New Drug Development in Cancer Chemotherapy", <i>Il Farmaco</i> , Vol. 47, No. 9., pp 1115-1232 (1992)			
EXAMINER				DATE CONSIDERED 3/14/03	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE